



SEQUENCE LISTING

<110> ~~SEN, MARY~~  
MCHHRABAN, FAUD  
RASTELLI, LUCA

<120> DIFFERENTIALLY EXPRESSED GENES INVOLVED IN  
ANGIOGENESIS, THE POLYPEPTIDES THEREBY, AND METHODS OF  
USING THE SAME

<130> 10716/15

<140> 09/703,350

<141> 2000-10-31

<150> 60/196,802

<151> 2000-04-13

<160> 74

<170> PatentIn Ver. 2.1

<210> 1

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<213> Sclerotinia sclerotiorum

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<222> (473)

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ttgctgtaca aaatggtcac agtgagatct gtcactttct cctggatcat ggagcagatg 660  
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<223> a, t, c, g, other or unknown

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<220>
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21

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19

B1  
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<223> Description of Artificial Sequence: Primer

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<210> 7  
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18

<210> 8  
<211> 26  
<212> DNA  
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<220>  
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26

<210> 9  
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<212> DNA  
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<400> 12  
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22

<210> 13

<211> 21  
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<400> 13  
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<210> 16  
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<400> 16  
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<210> 18  
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21

<210> 19  
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<400> 19  
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22

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19

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<400> 21  
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21

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<210> 23  
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<400> 23  
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26

<210> 24  
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<400> 24  
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22

<210> 25  
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<400> 25  
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<210> 28  
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<400> 28  
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25

<210> 29  
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<220>  
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<400> 29  
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27

<210> 30  
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<223> Description of Artificial Sequence: Primer

<400> 30  
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28

<210> 31  
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<220>  
<223> Description of Artificial Sequence: Primer

<400> 31  
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23

<210> 32



<211> 33  
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<220>  
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<400> 33  
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<210> 34  
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<210> 38  
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<210> 39  
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<220>  
<223> Description of Artificial Sequence: Primer

<400> 39  
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<210> 41  
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22

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<210> 46  
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<211> 21  
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<210> 52  
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<220>  
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<210> 56  
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<400> 58  
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<400> 59  
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21

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<400> 62  
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22

<210> 63  
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<213> Artificial Sequence

<220>  
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21

<210> 64  
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17

<210> 65  
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24

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<400> 66  
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21

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21

<210> 68  
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<400> 68  
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29

<210> 69  
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<400> 69  
aaaatcttag aacttttggtt gggaaacta

29

<210> 70



<211> 21  
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<400> 70  
ccttgacagt tggagaagcc a

21

<210> 71  
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<220>  
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<400> 71  
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31

<210> 72  
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<212> PRT  
<213> Homo sapiens

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20 25 30

Gln Thr Pro Arg Pro Ala Glu Arg Gly Pro Pro Val Arg Leu Phe Thr  
35 40 45

Glu Glu Glu Leu Ala Arg Thr Gly Gly Glu Glu Glu Asp Gln Pro Ile  
50 55 60

Tyr Leu Ala Val Lys Gly Val Val Phe Asp Val Thr Ser Gly Lys Glu  
65 70 75 80

Phe Tyr Gly Arg Gly Ala Pro Tyr Asn Ala Leu Thr Gly Lys Asp Ser  
85 90 95

Thr Arg Gly Val Ala Lys Met Ser Leu Asp Pro Ala Asp Leu Thr His  
100 105 110

Asp Thr Thr Gly Leu Thr Ala Lys Glu Leu Glu Ala Leu Asp Glu Val  
115 120 125

Phe Thr Lys Val Tyr Lys Ala Lys Tyr Pro Ile Val Gly Tyr Thr Ala  
130 135 140

Arg Arg Ile Leu Asn Glu Asp Gly Ser Pro Asn Leu Asp Phe Lys Pro

145

150

155

160

Glu Asp Gln Pro His Phe Asp Ile Lys Asp Glu Phe  
 165 170

&lt;210&gt; 73

&lt;211&gt; 101

&lt;212&gt; PRT

&lt;213&gt; Murine sp.

&lt;400&gt; 73

Gly Ala Gly Cys Gly Pro Ser Ala Leu Ser Leu Gly Trp Ala Asp Ala  
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Ala Pro Arg Arg Ala Arg Pro Pro Val Arg Leu Phe Thr Glu Glu Glu  
 20 25 30

Leu Ala Arg Tyr Gly Gly Glu Glu Glu Asp Gln Pro Ile Tyr Leu Ala  
 35 40 45

Val Glu Gly Val Val Phe Asp Val Thr Ser Gly Lys Glu Phe Tyr Gly  
 50 55 60

Arg Gly Ala Pro Tyr Asn Ala Leu Ala Gly Lys Asp Ser Ser Arg Gly  
 65 70 75 80

Val Ala Glu Met Ser Leu Asp Pro Ala Asp Leu Thr His Asp Thr Thr  
 85 90 95

Gly Leu Thr Ala Lys  
 100

&lt;210&gt; 74

&lt;211&gt; 109

&lt;212&gt; PRT

&lt;213&gt; Rattus sp.

&lt;400&gt; 74

Arg Pro Leu Ala Ala Leu Ala Leu Ala Leu Val Arg Val Pro  
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Ser Ala Arg Ala Gly Gln Met Pro Arg Pro Ala Glu Arg Gly Pro Pro  
 20 25 30

Val Arg Leu Phe Thr Glu Glu Glu Leu Ala Arg Tyr Ser Gly Glu Glu  
 35 40 45

Glu Asp Gln Pro Ile Tyr Leu Ala Val Lys Gly Val Val Phe Asp Val  
 50 55 60

Thr Ser Gly Lys Glu Phe Tyr Gly Arg Gly Ala Pro Tyr Asn Ala Leu  
 65 70 75 80

Ala Gly Lys Asp Ser Ser Arg Gly Val Ala Lys Met Ser Leu Asp Pro  
 85 90 95

Ala Asp Leu Thr His Asp Ile Ser Gly Leu Thr Ala Lys  
100 105

B?  
u